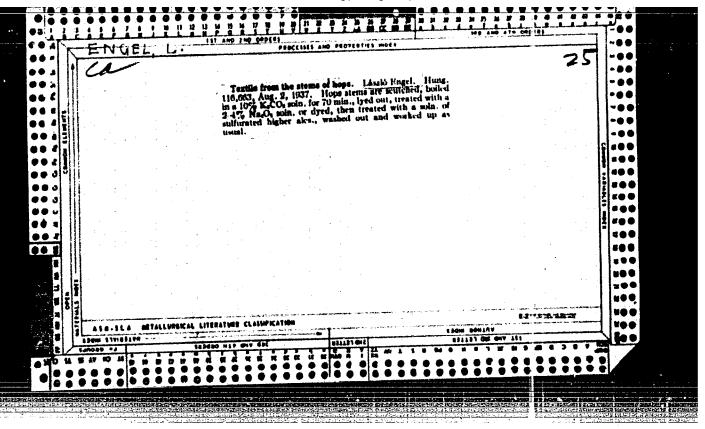
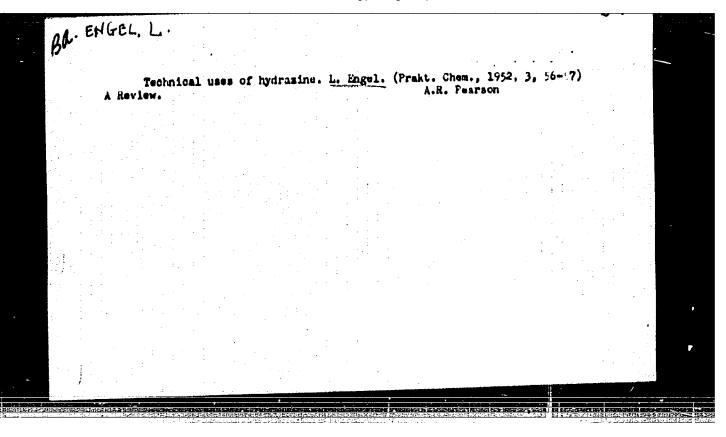
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	SOURCE CODE: R	0/0018/65/000/010/05	77/0581
ACC NR: AP6022113			20
AUTHOR: Engel, Harry	1	第 34.00	\mathcal{B} .
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TOPIC TAGS: industri	al management, production engineering		
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ENGEL, J.

Determination of trigonometrical points by a graphic method. p. 105. (GEODETICKY A KARTOGRAFICKY OBZOR, Vol. 3, No. 6, June 1957, Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec 1957. Uncl.



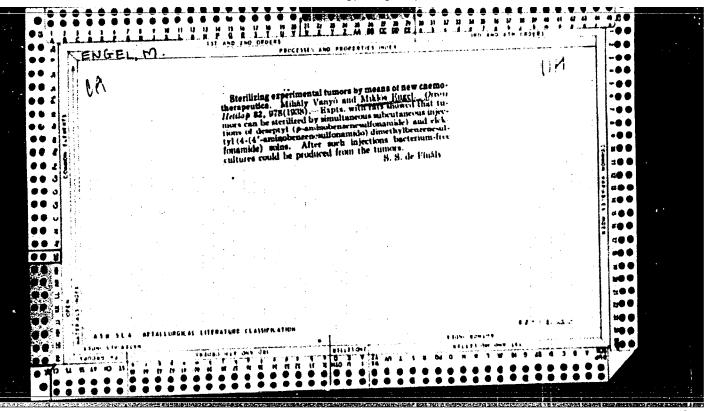


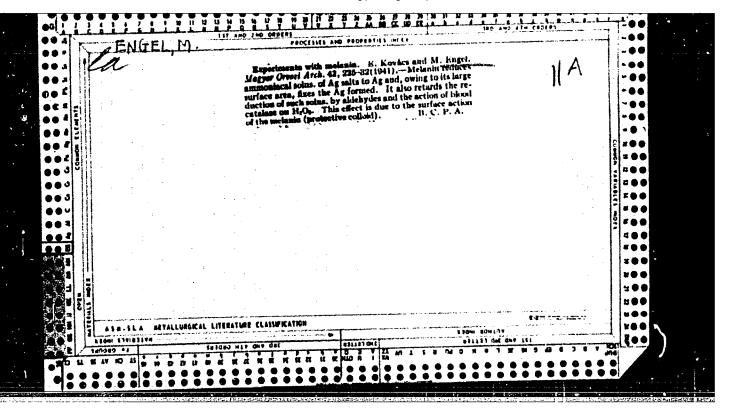
ENGEL, Leonard

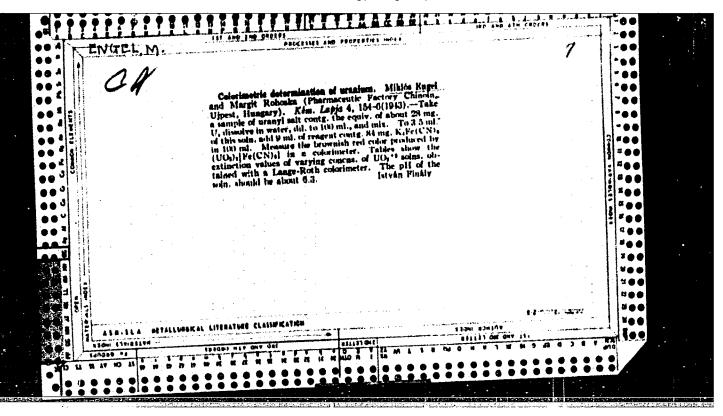
Strange transmigrations of birds. Prir i smanie 16 mo.2: 13-15 F '63.

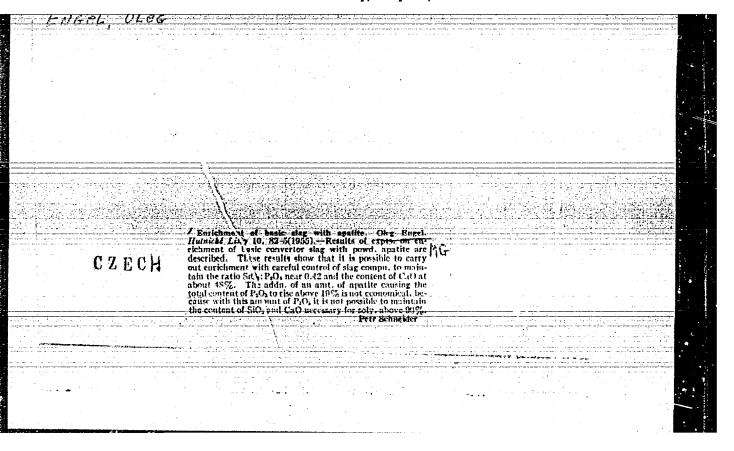
- 1. ENGEL', L. K., Eng.
- 2. USSR (600)
- 4. Loading and Unloading
- Suggestions of rationalizers, Sbor. mat. o nov. tekh. v stroi, 15, no. 5, 1953.

1953, Uncl. April Mon. 7 / List of Russian Accessions, Library of Congress,









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Dissertation: "Gas Exchange as a Factor in Fruit Ripening." Inst of Physiology of Plants imeni K. A. Timiryazev, Acad Sci USSR, 29 Apr 47.

SO: Vechernyaya Moskva, Apr, 1947 (Project #17836)

ENGEL', O.S.

FA 175T8

USSR/Biology - X-Rays, Effect of

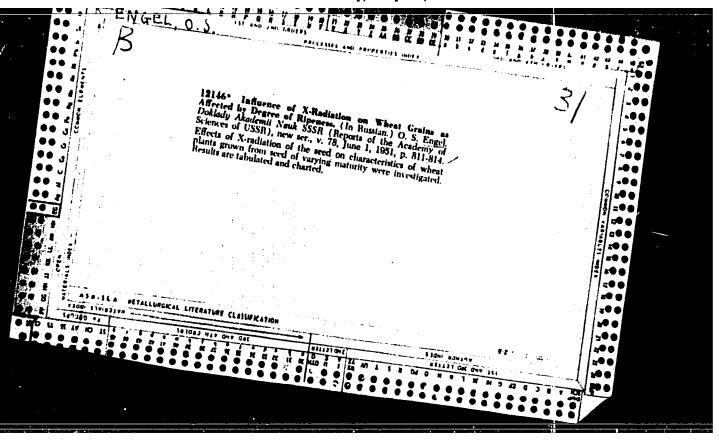
21 Apr 50

"Influence of Vernalization of Winter Wheat Seeds on the Sensitivity of the Shoots to the Action of X-Rays," O. S. Engel', Inst Physiol of Plants imeni K. A. Timiryazec, Acad Sci USSR

"Dok Ak Nauk SSSR" Vol LXXI, No 6, pp 1151-1153

Expt discussed here studied growth of stems and roots of samples of winter wheat, vernalized and nonvernalized, over period of 4 days. Growth measured for vernalized and nonvernalized samples bombarded by different quantities of X-rays and compared to control sample not so bombarded. Submitted 25 Feb 50 by Acad N. A. Maksimov.

175T8



YENGEL', O. S.

Wheat

Relationship of the duration of swelling of wheat seeds and of the change in their sensitivity to irradiation.

Dokl. ANSSSR 85 no. 1, 1952.

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ZENGEL', C. S.

X-rays - Physiclogical Effect

Physiological state of potato tubers is a factor in the X-ray sensitivity of their tissue. Dokl. AN SSSR 85 no. 2, 1952.

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EN 8ch, O.S.

ENGEL', O.S.

Mobilization of endosperm foods during the germination of sunflower seeds [with summary in English]. Fisiol. rast. 4 no.6:514-519 N-D '57.

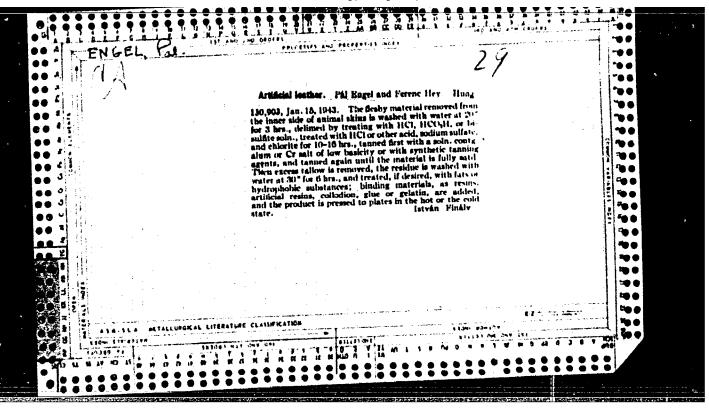
1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR, Moskva. (Germination) (Sunflowers)

ENGEL!, O.S.; PROKOF'YEV, A.A.

Effect of the water content of seeds on the mobilization of reserve substances during germination. Fiziol.rast. 7 no.1:44-48 **160. (MIRA 13:5)

1. K.A.Timiriazev Institute of Plant Physiology, U.S.S.R. Academy of Sciences.

(Germination)



ENGEL, V.

How machine-tractor stations should prepare for spring work. p. 57. College-educated mechanizers in our ranks. p. 58. MECHANISACE ZEMEDELSTVI, Praha, Vol. 5, no. 4, Feb. 1955.

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4, no. 10, Oct. 1955, Uncl.

AUTHORS:

Engel', V.Yu., Kireyev, Yu.A.

SOV/90-58-11-3/6

TITLE:

Using the Automobile Starter ST-26 as a Starter for D6 Engines (Zapusk dvigateley D6 avtomobil'nym starterom

ST-26)

PERIODICAL:

Energeticheskiy byulleten', 1958, Nr 11, pp 18 - 21 (USSR)

ABSTRACT:

The author proposes using the automobile starter ST-26 as a starter for the D6-cylinder engine. Besides an auxiliary compressed-air starter, the D6 engines were until now equipped with a powerful electrostarter ST 710 with 15 h.p. capacity. The author states that automobile starter ST-26 will do the same work about 30% cheaper, that it is easier to install and that its installation makes the installation of other auxiliary equipment easier. There are 3 photos, 1 circuit diagram, 2 tables and 2 Soviet references.

1. Internal combustion engine starters --- Performance

Card 1/1

CHERNENKO, A.R.; SIMFOROV, G.Ye.; SHKUTA, E.I.; TEREKHOV, I.P.;

POLYANSKIY, F.S.; PISANKO, K.S.; SHENDRIK, V.K.; AL'TSHULER,

M.A.; RIVKIN, I.D.; ENGEL', Ya.R.; CHETYRKIN, M.I., red.izd-va;

PYL'NEN'KIY, A.A., red.izd-va; OSVAL'D, E.Ya., red.izd-va;

PROZOROVSKAYA, V.L., tekhn.red.

[Sharp increase in the labor productivity of Krivoy Rog Basin miners; practices in the "Bol'shevik" and "Gigent" mines]
Krutoi pod em proizvoditel nosti truda gorniskov Krivbassa;
iz opyta raboty shakht "Bol'shevik" i "Gigent." Moskva, 1960.

[MIRA 13:11]
(Krivoy Rog Basin--Iron mines and mining--Labor productivity)

ENCEL, V.

Effective organization of work is a guarantee for fulfillment of tasks by machine-tractor stations. p. 417. We shall conclude the autumn work on November 28 1 p. 417.

MECHANISACE ZEMEDELSTVI. Prahe. Vol. 4, no. 22, Nov. 1954.

SOURCE: East European Accessions List (EEAL), LC, Vol. 5, no. 3, March 1956

ENGEL, Z., dr inz.

Problems concerning the dynamics of metallurgical machinery. Hutnik 31 no.12:401-402 D '64.

ENGEL, Zbigniew (Krakow)

Nonlinear coupling to the centrifugal regulator. Zagad drgan nielin 3 65-71 62.

BEEEN, Artur, mgr inz.; ENGEL Zbigniew, dr inz.; LOSIAK, Stanislaw, mag.iur.

Possibilities of shot-hole drilling in hardened iron slag. Hutnik P 30 no. 7/8:229-235 Jl/Ag'63.

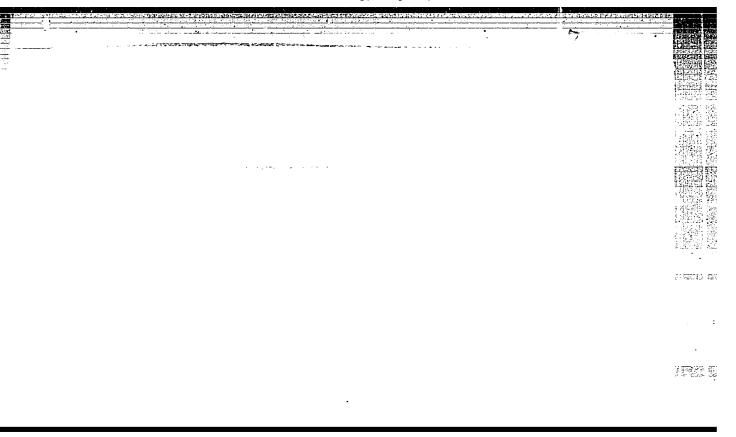
1. Akademia Gorniczo-Hutnicza, Krakow.

ENGEL'MAN, Iosif Moiseyevich; DANILOVA, V.M., red.; STREL'NIKOV, I.N., tekhn. red.

[This is very important for one's health] Eto ochen' vazhno dlia zdorov'ia. Ioshkar-Ola, Mariiskoe knizhnoe izd-vo, 1962. 153 p. (MIRA 15:10)

IYEVIEV, Aleksey Vasil'yevich, insh.; ENGEL'-KRON, I.V., red.; SHNEYEROV, S.A., red.izd-va; LELYUKHIN, A.A., tekhn, red.

[Operation of small steam turbines] Ekspluatatsiia parovykh turbin nebol'shikh moshchnostei. Moskva, Izd-vo M-va kommun. khoz.RSFSR, 1959. 266 p. (MIRA 12:12) (Steam turbines)



ENGELBERTH, O.

Complete Comments of the Comment of

Brucellosis. Cas. lek. cesk. 89 no.39:1082-1085 29 Sept. 1950.

(CLMI 20:1)

1. Of the Third Internal Clinic in Prague (Head--Prof. J. Charvat, M. D.).

ENGELBERTH, O.; SCHMITTOVA, M.

Essay of development of anaphylactic carditis in mice. Cas.lek.cesk. 90 no.17:508-515 27 Apr 51. (CIML 20:8)

- 1. Of the Third Internal Clinic of Charles University (Head--Prof.
- J. Charvat, M.D.) and of the Second Pathologico-Anatomical Institute
- of Charles University (Head--Prof. V. Jedlicka, M.D.).

ENGELBERTH, O. and Others.

"Infarction of the Myocardium with a Perforation of the Interventricular Septum of the Heart Diagnosed in Vivo." p. 1259 (CASOPIS LEKARU CESKYCH, Vol. 92, No. 46, Nov. 1953) Praha, Czechoslovakia

SO: Monthly List of East European Accessions, Library of Congress, Vol. 3, No. 4, April 1954. Unclassified.

POLAK, H.; KUCHEL, O.: ENGELBERTH, O.

Influence of trophic nerves on hormonal function. 2. Cas. lek.
cesk. 94 no.43:1150-1153 21 Oct 55.

1. Z III. interni kliniky KU v Prase, Prednosta akademik J. Charvat.
(NERVES, physiology
trophic funct.; eff. of hormone metab.)
(HORMONES, metabolism
eff of trophic nerv funct.)

ENGELBERTH, O.; KUCHEL, O.; POLAK, H.

Effect of innervation on penetration of hyaluronidase through the connective tissue and its depression by sodium salicylate in vivo. Cesk. fysiol. 5 no.1:56-63 26 Mar 56.

1. III. interni klinika lekarske fakulty Karlovy university, Praha.

(HYALURONIDASE, metabolism,
connective tissue, eff. of myelotomy and sympathectomy
in rats (Cz))
(CONNECTIVE TISSUE, metabolism,
hyaluronidase, eff. of myelotomy & sympathectomy in
rats (Cz))
(SYMPATHETIC NERVOUS SYSTEM, physiology,
eff. of section on connective tissue penetration by
hyaluronidase (Cz))
(SPINAL CORD, physiology,
same)

ENGELBERTH, O.; SCHMITTOVA, M.

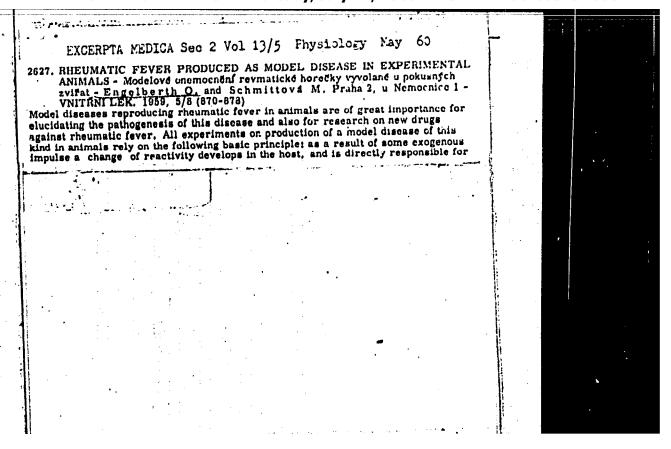
Effect of sodium salicylate on experimental carditis in mice. Cas. lek. cesk. 96 no.33-34:1037-1041 23 Aug 57.

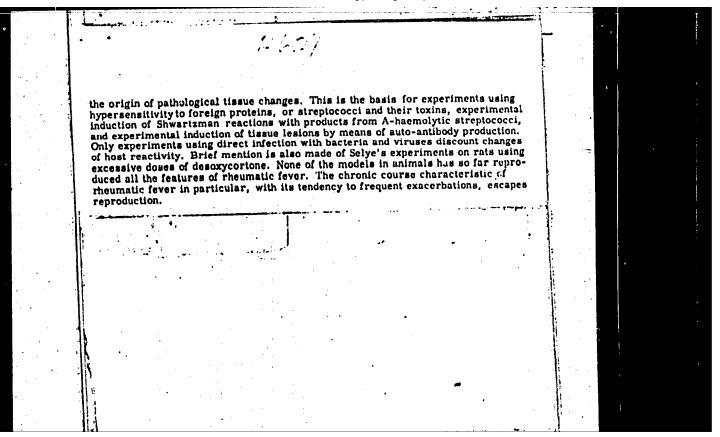
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3358. Elfects of mono- and di-hydroxy derivatives of benzoic acid on experimental carditis of mice Ucin mono- a dihydroxyderivatū kyseliny benzoove na pokusnou karditidu u myšl. Engelderii O., Schmitová M., Vrčerková J. and Marý V. III. Vnitrní KU; Tl. Pathol-Anat. Ústav pro Lék. Chem. KU; Ústav pro Org. Zdravotnictví KU, Praha Vnitrní Lék. 1958, 4/2 (104—110) Tables 3

The anti-inflammatory action of mono- and di-hydroxy derivatives of benzoic acid was studied according to the degree to which these were able to prevent the development of anaphylactic carditis in white mice. All the derivatives had an anti-inflammatory action of varying degree, relatively least effective was M-hydroxy-benzoic acid. The action of the compounds was statistically significant up to a 1% limit (for M-hydroxybenzoic acid only to a 5% limit). On the other hand the difference in anti-inflammatory action as compared with Na salicylate was not statistically significant with the exception of 2:6-dihydroxybenzoic (y-resorcylic acid) and 3:5-dihydroxybenzoic acid (a-resorcylic acid). But there also, the difference is only significant on the 5% limit.

(II, 18)





SCHMITTOVA, M.; ENGELBERTH, O.; SRAMKOVA, J.

Effect of aminopyrine, paraaminobenzoic acid and paraaminosalicylic acid on experimental carditis in mice. Cas.lek.cesk. 98 no.44:1365-1369 30 0 159.

- 1. II. patol. anatomicky ustav KU v Prase, prednosta prof. dr. V. Jedlicka, III. interni klinika KU v Prase, prednosta akademik
- J. Charvat.

(PARAAMINOSALICYLIC ACID pharmacol.) (PARAAMINOBENZOIO ACID pharmacol.) (AMINOPYRINE pharmacol.) (MYCCARDITIS exper.)

ENGELBERTH, Otto; BLEHA, Otto; JEZKOVA, Zdenka; SRAMKOVA, Jarmila; Technicka spoluprace HORSKA, Bya

Autoimmune thyroiditis. Cas. lek. cesk. 101 no.31:948-950 27 J1 162.

1. III interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik J. Charvat. Ustav hematologie a krevni transfuze v Praze, reditel prof. dr. J. Horejsi, DrSc.

(THYROIDITIS immunol)

ENGELBERTH, Oto; SCHMITTOVA, Marie

Effect of benzoic acid derivatives on experimental carditis in mice. Cas. lek. cosk. 101 no.28:860-864 13 J1 162.

1. III. interni klinika fakulty vsebečneho lekarstvi KU v Praze, prednosta akademik J. Charvat. Patologickoanatomicke oddeleni OUNZ Most, vedouci MUDr. M. Schmittova.

(ALLERGY exper) (HEART DISEASES exper)

(RENZOATES toxicol)

	BERTH, O.	3	
	CZECHOSLOVAKIA	t.	:
ENGE	LBERTH, O; BLEHA, O; JEZKOVA, Z; SRAMKOVA, J.		
	Third Internal Medicine Clinic PVL KU and Institute of Hematology and Blood Trans- fusion (Z III. vnitrni kliniky FVL KU a Usta hematologie a krevni transfuse), Prague (for all)		
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CZECHOLLOVARIA

DHIPLESHIM, O., Locent MD.

Third Internal Medicine Clinic of the Paculty of General Medicine of Charles University (III internal klinika fakulty veceboanho lokaratvi kU), Prague

Prague, Prakticky lokar, No 11, 1963, pp 401-403

"Experiences of the Clinic During the Last Few Years in Epidenic Influence."

CZECHOSLOVAKIA

BROUSIL, J., ENGELBERTH, O., SRAMKOVA, J., and TALPOVA, H. [Bio-physical Institute (Biofyzikalni ustav), Faculty of General Medicine (Fakulta vseobecneho lekarstvi), Charles University, Prague, Docent Dr. Z. DIENSTBIER, director, and Third Clinic of Internal Medicine (III. interni klinika), Faculty of General Medicine, Charles University, Prague, Academician J. CHARVAT, director.

"Influence of Sodium Salicylate on Antigen Excretion and Antibody Formation in Rabbits"

Pragua, Casopis Lekaru Ceskych, Vol CII, No 34, 23 August 63, pp 925-927.

Abstract [Authors' English summary]: Following an injection of human serum albumin labelled with I¹³¹ the authors investigated the influence of sodium salicylate on the antigen excretion from the blood circulation, formation of a soluble complex of antigen and antibodies, and formation of antibodies in rabbits. In a group receiving salicylate the authors found a lower activity in the alpha globulin fraction than in the control group on the 12th and 14th day. A possible interpretation of this phenomenon is presented. Six references.

1/1

BROUSIL, J.; ENGELBERTH, O.; SRAMKOVA, J.; TALPOVA, H.

Effect of sodium salicylate on antigen excretion and on antibody formation in rabbits. Cas. lek. cesk. 102 no.34:925-927 23 Ag *163.

l. Biofyzikalni ustav fakulty vseobecneho lekarstvi KU v Praze, prednosta doc. dr. Z. Dienstbier III interni klinika fakulty vseobecneho lekarstvi KU v Praze, prednosta akademik J. Charvat. (SCDIUM SALICYLATE) (ANTIBODY FORMATION) (SERUM ALBUMIN, RADIOIODINATES) (IMMUNE SERUMS) (ANTIGENS)

BLEGA, O.; ENGEL'BERT#,O.; YEZHKOVA, Z.; SHRAMKOVA, Ya.

Importance of autoimmunization reactions in the diagnosis of diseases of the thyroid gland. Probl. endok. i gorm. 11 no.4: 21-25 Jl-Ag 165. (MIRA 18:11)

1. 3-ya terapevticheskaya klinika, Praga.

ENGKLBERTH, O.; JEZKOVA, Z.; HLEHA, O.; MALER, J.; BENDL. J. Technicka apolupraces MORAVCOVA, S.; KADEROVA, M.

Autoentibodies in Sheehan's syndrome. Cas. lek. cesk. 104 no.41 108 29 Ja '65

1. III. interni klinika fakulty vseobecneho lekaratvi Karlovy University v Prass (prednosta akademik J. Charvat); Ustav hematolog a kravni transfuze (reditel prof. dr. J. Horejsi, DrSc.); I. porednicka klinika fakulty vseobecneho lekaratvi Karlovy Uni rsity v Praze (prednosta prof. dr. J. Klaus, DrSc.) a II porednicka klinika fakulty vseobecneho lekaratvi Karlovy Uni-rsity v Praze (prednosta prof. dr. J. Lukas, DrSc.)

BLEHA, O.; ENGELBERTH, O.; JEZKOVA, Z.; SRANNOVA, J.

Findings of antibodies in various clinical states of the thyroid gland. Cas. lek. cesk. 10% no.12:323-326 26 Mr. 65.

1. III. intermi klinika fakulty vseebechen lekarstvi Karlovy University v Fraze (prednesta: akadenik J. Charvat); a Ustav hematologie a krevni transfuze v Fraze (reditel: prof. dr. J. Horejsi, DrSc.).

ENGELBERTH, O.; JEZKOVA, Z.; BLEHA, O.; MALEK, J.; BENDL, J.; Technicka spoluprace: MORAVCOVA, S.; KADEROVA, M.

Autoantibodies in Sheehan's syndrome. Vnitrni lek. 11 no.8:737-741 Ag '65.

1. III. vnitrni klinika (prednosta akademik J. Charvat), Ustav hematologie a krevni transfuze (reditel prof. MUDr. J. Horejsi, DrSc.), I. porodnicka klinika (prednosta prof. MUDr. J. Klaus, Dr.Sc.), II. porodnicka klinika (prednosta prof. MUDr. J. Lukas, Dr.Sc.).

BLEHA, O.; ENGELBERTH, O.; JEZKOVA, Z.; SRAMKOVA, J.

Antibodies in various clinical conditions of the thyroid. Rev. Czech. med. 11 no.4:246-250 165.

1. Third Medical Clinic, Faculty of General Medicine, Charles University, Prague (Director: Academician J. Charvat) and Institute of Haematology and Blood Transfusion, Prague (Director: Prof. J. Horejsi, M.D., D.Sc.).

CZECHOSLOVAKIA

ENGELBERTH, C., JEZKOVA, Z., BLEHA, O., MALEK, J., BENDL, J.

1. hird Clinic of Internal Medicine (III vnitrni klinika), (for ?); 2. Institute of Hematology and Blood Transfusions (Ustav hematologie a krevni transfuze), (for ?); 3. First Obstetrical Clinic (porodnicka klinika), (for ?); 4. Second Obstetrical Clinic (II porodnicka klinika), (for ?).

Prague, Vnitrni lekarstvi, No 8, August 1965, pp 737-741.

"Autoantibodies in Sheehan's syndrome."

(5)

Endocrinology

CZECHOSLOVAKIA

ENGELBERTH, O.; SRAMKOVA, J.; 3rd Internal Clinic and Laboratory For Endocrinology and Metabolism, Faculty of General Medicine, Charles University (III. Interni Klinika a Laborator pro Endokrinologii a Metabolismus Fakulty Vseobecneho Lekarstvi KU), Prague, Head (Prednosta) Member of Academy J. CHARVAT.

"Immonochemical Determination of Hormone Level in Blood. - Insulin."

Prague, Casopis Lekaru Ceskych, Vol 105, No 23, 10 Jun 66, Lekar-ska Veda v Zahranici, pp 105 - 112

Abstract: Chemical and immunological properties of insulin are described. Various forms of insulin found in the blood, and methods for the determination of insulin are discussed. Methods for the determination of insulin in the plasma are evaluated. The various levels of insulin found in some physiological and some pathological conditions are described. 119 Western, 4 Czech references.

ENGEL GARDT, A. N.

25055. ENGEL'GARDT, A. N. Is Neopublikovannykh Pisem A. N. Engel'gardta K A. P. Mertvago O V. V. Dokuchayeve. (1890-1891) Trudy Yubileynoy Sessii, Posvyashch. Stoletiyu So Dnya. Rozhdeniya Dokuchayeva. M.-L., 1949, 8 679-81.

SO: Letopis! No. 33, 1949

17(3) AUTHORS: SOV/20-124-4-60/67 Zil'ber, L. A., Member of the Academy of Medical Sciences, USSR, Abelev, G. I., Avenirova, Z. A., Engel'gardt, N. V., Baydakova, Z. L.

TITLE:

On the Differences in the Antigen Structure of the Cytoplasm Granulae of the Liver and of the Hepatoma in Mice (O razlichiyakh antigennoy struktury tsitoplazmaticheskikh gramil pecheni i gepatomy

myshey)

PERIODICAL:

Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 4, pp 937-939 (USSR)

ABSTRACT:

Malignant tumors contain specific tumor antigens (Refs 1,2), the isolation and study of which is at present among the most topical problems. The evaluation of the precipitation reaction in the gel (Ref 3) combined with the chemical separation of tissue antigens proves appropriate for this purpose. By this method, the number of the individual antigens in the system can be determined, and these individual antigens can be compared with each other. Said reaction has several advantages over other reactions. The authors studied its applicability in the gel, in order to clarify the antigen differences of tumor and normal tissues. Contrary to previous papers, an investigation was made, not of the protein fractions, but of the cell granulae, as they undergo antigen changes on malignisation (Refs 7-9). For the purpose of a comparative evaluation of the

Card 1/3

sov/20-124-4-60/67

On the Differences in the Antigen Structure of the Cytoplasm Granulae of the Liver and of the Hepatoma in Mice

results obtained by different methods, the anaphylaxis reaction with desensitization was employed. The work was carried out with the entwisted heparomata of strain C_HA mice (Ref 10) and with the livers

of these mice. The granulae mentioned in the title were isolated from the perfused liver by means of a separator, from a 10 %-homogenate in an isotonic saccharose solution. Electron microscope analysis showed the granulae fraction to consist of a mixture of ° mitochondria and microsomes. Rabbits were immunized (a) with a lanclin depot, and (b) without a depot. For the purpose of a better clarification of the qualitative and quantitative differences between the preparations to be compared, the reaction was carried out in the following way: homologous sera and the antigen were placed at opposite angles of a square (Figure 1). The antigens common to the systems to be compared yield a uniform spectrum ab, which is situated between the alveoles with heterologous antigen and serum. Antigens that are characteristic of one system only show bands running along the diagonal of the square, their ends touching the containers of the heterologous systems (cd, ef). Figure 2 gives the results of the comparison between the protein fractions MmP and MmG.

Card 2/3

SOV/20-124-4-60/67

On the Differences in the Antigen Structured of the Cytoplasm Granulae of the Liver and of the Hepatoma in Mice

> The results attained in the agar medium by the method of precipitation were compared with those obtained by the method of anaphylaxis (with desensitization). Table 1 shows that the two methods yielded identical results (cf. Refs 6,9). Thus the two above mentioned methods lead to the detection of a specific antigen in the heparoma granulae in mice which is but absent in the liver. At the same time entigens were found in the liver granulae which disappear on cancerization. The method described facilitates the evaluation of the behavier of individual antigens in complex systems, and opens new ways of their chemical isolation .- There are 3 figures, 1 table, and 11 references, 7 of which are Soviet.

ASSOCIATION: Institut epidemiologii i mikrobiologii im. N. F. Gamaleya Akademii meditsinskikh nauk SSSR (Institute of Epidemiology and Microbiology imeni N. F. Gamaley of the Academy of Medical Sciences, USSR)

SUBMITTED:

September 4, 1958

Card 3/3

TITLE: An Organospecific Antigen of the Liver Absent in the Hepatoma (Organospetsificheskiy antigen pecheni, otsutstvuyushchiy v gepatome) PERIODICAL: Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6, rp 1328-1330 (USSR) The problem of the antigen simplification in malignisation arised when it was proved (Refs 1-3) that mitochondria and microsomes of the liver are losing the organospecific antigen in the experimental canceration. This simplification was confirmed (Ref 4), but at the same time an organospecific antigen was found in the hepatoma. Yet the question is not antigen was found in the hepatoma. Yet the question is not solved in many respects (Ref 5). The authors investigated this solved in many respects (Ref 5). The authors investigated this problem on cytoplasmic granulae and on a hepatoma transferable problem on cytoplasmic granulae and on a hepatoma transferable by vaccination by means of precipitation in agar (Ref 6). For this purpose the hepatoma and liver of C ₃ HA mice and other mice species were used. The preparation method of antigens of the mitochondria and microsomes from the liver (IML) and from	17(3) AUTHORS:	Abelev, G. I., Avenirova, Z. A., Stepanobenok-Rudnik, G. I. Engel gardt, N. V., Baydakova, Z. L., Stepanobenok-Rudnik, G. I.
Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6, pp 1328-1550 (USSR) The problem of the antigen simplification in malignisation arised when it was proved (Refs 1-3) that mitochondria and microsomes of the liver are losing the organospecific antigen microsomes of the liver are losing the organospecific confirmed (Ref 4), but at the same time an organospecific confirmed (Ref 4), but at the same time an organospecific antigen was found in the hepatoma. Yet the question is not solved in many respects (Ref 5). The authors investigated this problem on cytoplasmic granulae and on a hepatoma transferable problem on cytoplasmic granulae and on a hepatoma transferable problem on cytoplasmic granulae and on a hepatoma transferable this purpose the hepatoma and liver of C ₃ HA mice and other this purpose the hepatoma and liver of C ₃ HA mice and other	TITLE:	An Organospecific Antigen of the Liver Absent in the Reputoma (Organospetsificheskiy antigen pecheni, otsutstvuyushchiy v
arised when it was pivota are losing the organospecific antigen microsomes of the liver are losing the organospecific antigen in the experimental canceration. This simplification was in the experimental canceration. This simplification was in the experimental canceration. This simplification was confirmed (Ref 4), but at the same time an organospecific confirmed (Ref 4), but at the same time an organospecific antigen was found in the hepatoma. Yet the question is not solved in many respects (Ref 5). The authors investigated this solved in many respects (Ref 5). The authors investigated this problem on cytoplasmic granulae and on a hepatoma transferable problem on cytoplasmic granulae and on a hepatoma (Ref 6). For by vaccination by means of precipitation in agar (Ref 6). For this purpose the hepatoma and liver of C3HA mice and other this purpose the hepatoma and liver of C3HA mice and other mice species were used. The preparation method of antigens of mice species were used. The preparation method of antigens of	PERIODICAL:	Doklady Akademii nauk SSSR, 1959, Vol 124, Nr 6, pp 1328-1330
		The problem of the antigen simplification in malignisation arised when it was proved (Refs 1-3) that mitochondria and microsomes of the liver are losing the organospecific antigen in the experimental canceration. This simplification was in the experimental canceration and organospecific confirmed (Ref 4), but at the same time an organospecific confirmed (Ref 4), but at the same time an organospecific antigen was found in the hepatoma. Yet the question is not solved in many respects (Ref 5). The authors investigated this problem on cytoplasmic granulae and on a hepatoma transferable problem on cytoplasmic granulae and on a hepatoma (Ref 6). For by vaccination by means of precipitation in agar (Ref 6). For this purpose the hepatoma and liver of C ₃ HA mice and other

An Organospecific Antigen of the Liver Absent in the SOV/20-124-6-40/55 Hepatoma

the hepatoma (MMH) and the performance of the reaction were previously described (Ref 7). The fact of antigensimplification of the MML compared with MMH, as such becomes very clear (Fig 1). The bands of the lost antigens can be seen in all preparations (up to 4 antigens in the protein fraction of the MML). It was of interest to check the organospecificity of the lost antigens. For this purpose the anti-MMP serum was partly neutralized by a solution of renal MM, the precipitate was removed and the serum obtained was determined with antigens of liver, hepatama, kidney and spleen. It was found that the antigen bands missing in the hepatoma are also missing in the MMs of the kidney and spleen. Apparently the antigens detected by the authors are specific of the liver only. Thus the data chtained by the authors (by a different method and from a different tumor) confirm the results of Weiler (Refs 1-3). The question of the occurrence of organospecific antigens in the hepatoma remains unsolved. The authors succeeded in isolating one of these antigens (AO) and in investigating its immunologic specificity. This isolation is based on the fact that AO is most closely connected with the MML-wall and is left there after the extraction of the other agents.

Card 2/3

An Organospecific Antigen of the Liver Absent in the SOV/20-124-6-40/55 Hepatoma

One of the methods of AO isolation is described. Its reactions are presented in the figures 2-4. The authors were thus able to isolate one of the organospecific liver antigens which are absent in the hepatoma. The investigation is continued with regard to the explanation of its chemical nature, localization within the cell, etc. There are 4 figures, 1 table, and 9 references, 1 of which is Soviet.

PRESENTED:

September 27, 1958, by V. A. Engel'gardt, Academician

SUBMITTED:

September 21, 1958

Card 3/3

ENGELGARDT, N. V. (USSR)

Moskva, D-182

"The study of monospecific antitumour immune sera by the methof of fluorescent antibodies."

report submitted for the European Conference on Tumor Biology (**ICC), Warsaw, Poland 22-27 May 1961
Gamaleya Inst. of Epidemiology and Microbiology, M. Schukinskaya 13,

ENGEL GARDT, N.V.; ABELEV, G.I.

Connective tissue antibodies in monospecific antitissue sera.

Biul. eksp. biol. i med. 53 no.5:94-98 My '62.

(MIRA 15:7)

1. Is otdela immunologii i onkologii (sav. - prof. L.A.

Zil'ber) Instituta epidemiologii i mikrobiologii imeni N.F.

Gamalei AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom

AMN SSSR L.A. Zil'berom.

(CONNECTIVE TISSUE) (ANTIGENS AND ANTIBODIES)

(SERUM)

ENGEL GARDT, N.V.

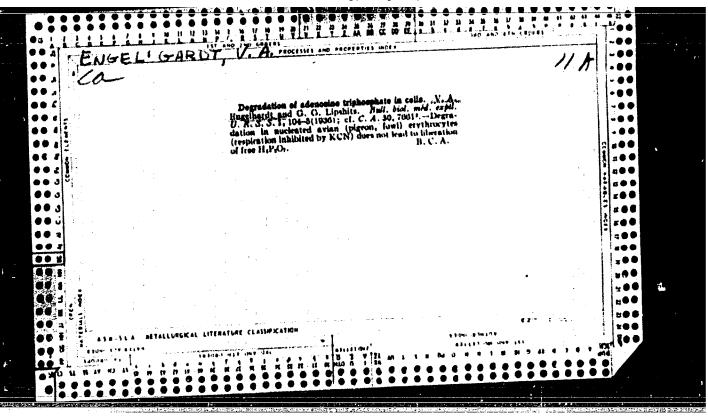
Immunohistochemical characteristics of one of the organ-specific antigens of the mouse liver. Biul. eksp. biol. i med. 56 no.ll: 97-101 0 [i.e. N] '63. (MIRA 17:11)

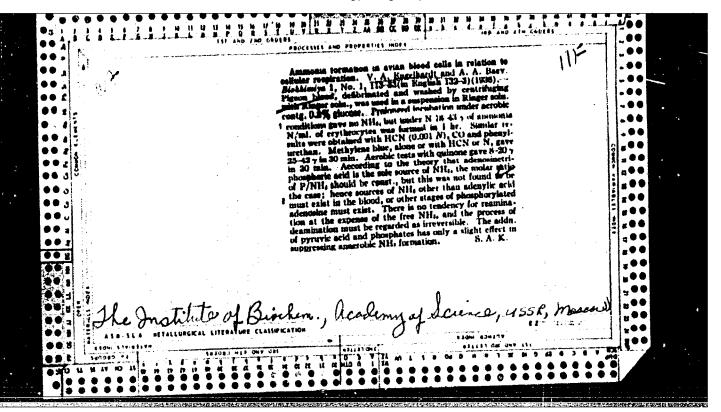
l. Iz otdela immunologii i onkologii (zav. - prof. L.A. Zil'ber)
Instituta epidemiologii i mikrobiologii imeni Gamalei (dir. - prof.
P.A. Vershilova) AMN SSSR, Moskva. Predstavlena deystvitel'nym
chlenom AMN SSSR L.A. Zil'berom.

ENGEL GARDT, N.V.

Use of antibodies against 7-globulin in the indirect method of fluorescent antibodies. Biul. eksp. biol. i med. 57 no.1: 67-70 Ja 164. (MIRA 17:10)

1. Otdel immunologii i onkologii (zav. - prof. L.A. Zil'ber) Instituta epidemiologii i mikrobiologii imeni N.F. Gamalei (dir. - prof. P.A. Vershilova) AMN SSSR, Moskva. Predstavlena deystvitel'nym chlenom AMN SSSR L.A. Zil'berom.

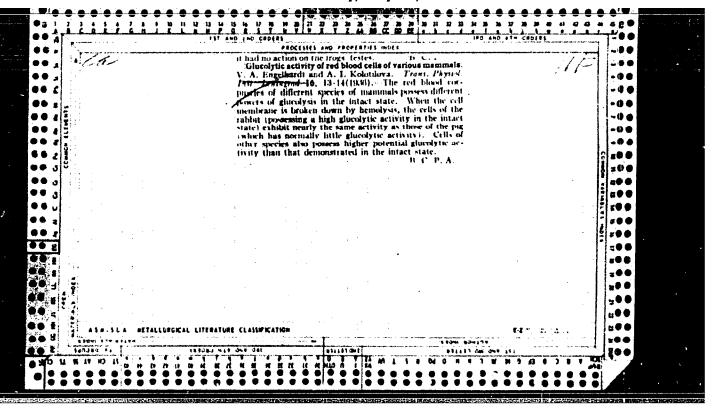


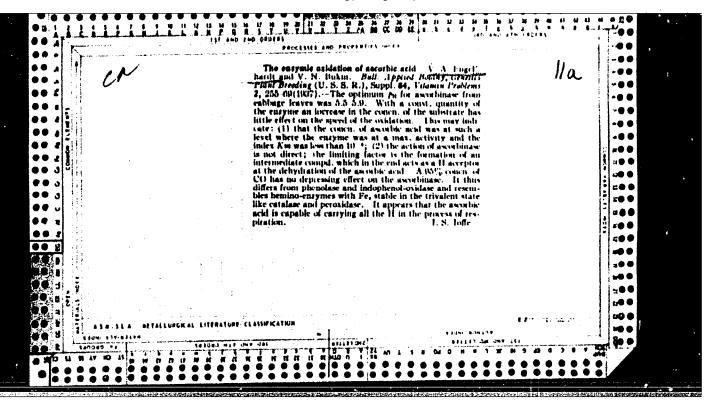


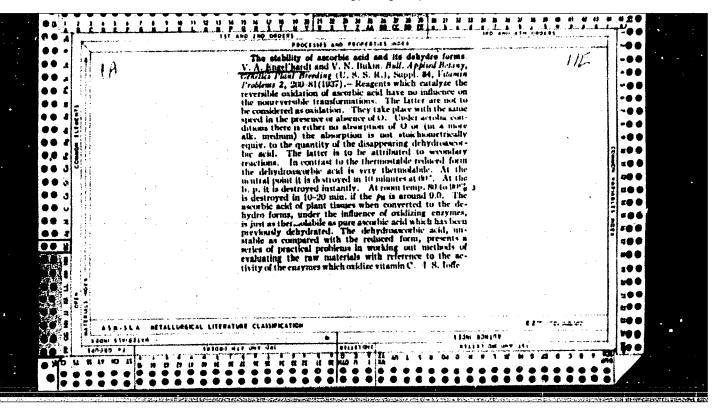
ENGELHARDT

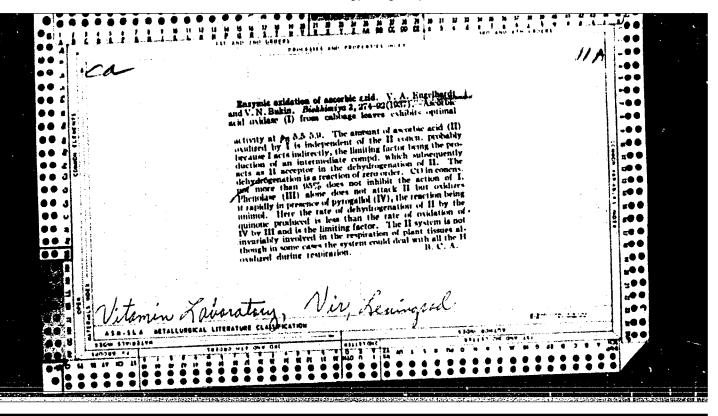
"XVth International Congress of Physiologists", (p. 160) by Anokhin, Azimov, Belkin, Koshtoyants, Steppun, Engelhardt

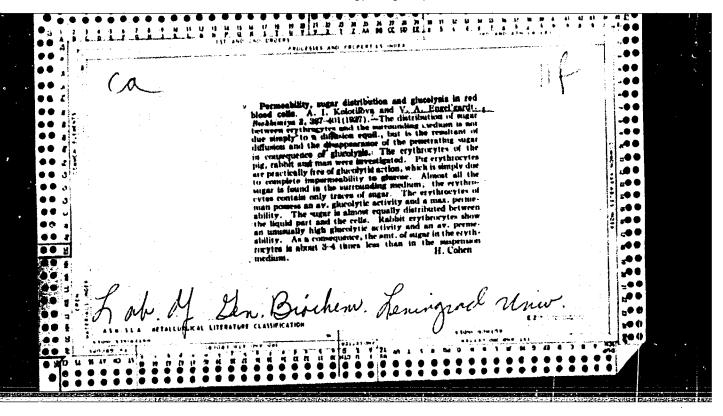
SO: Advance in Contemporary Biology (USPEKHI SOVREMENNOI BIOLOGII) Vol. V, No. 1 1936

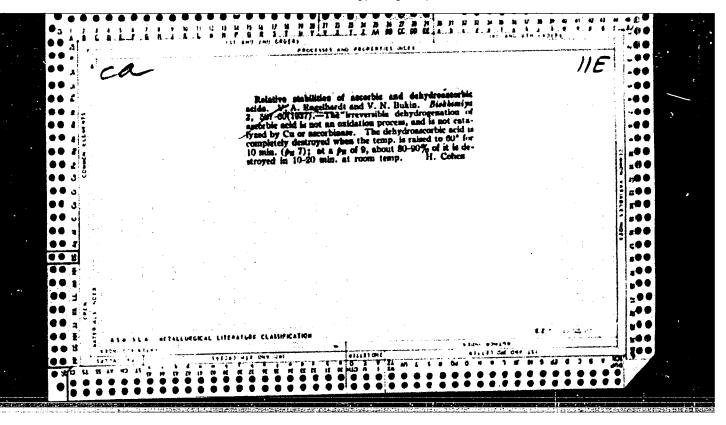


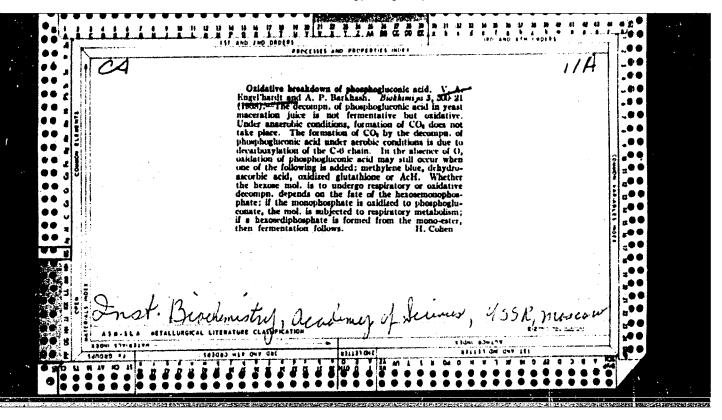


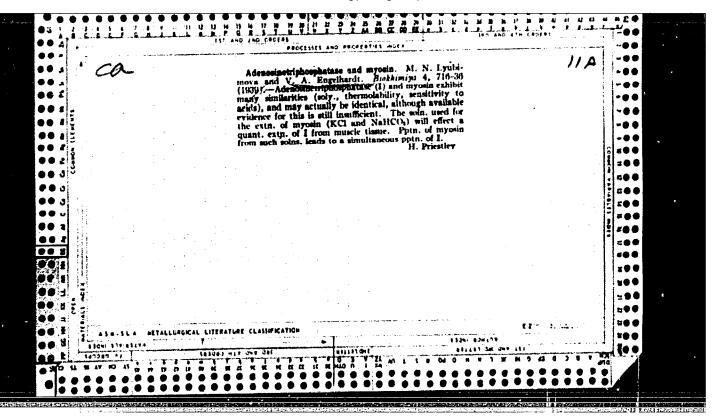




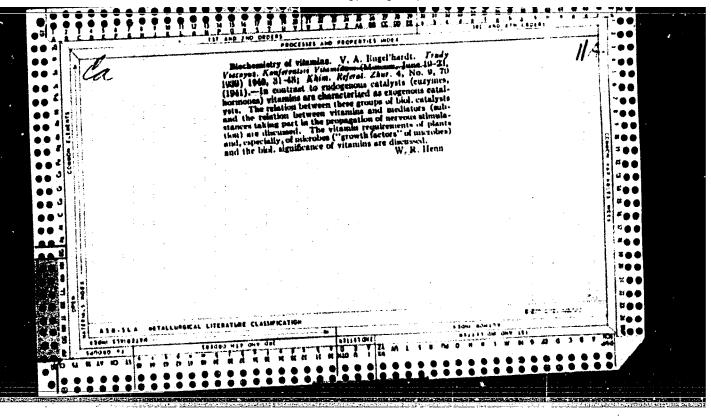








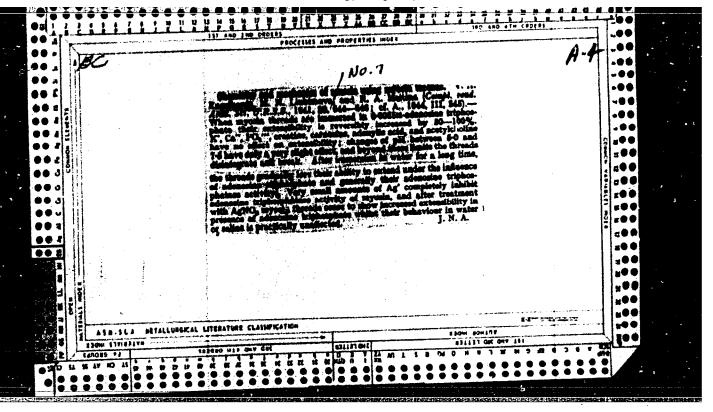
"Chemism and Fermentation Agents," Mikrobiology, 8, No. 3-4, 1939.

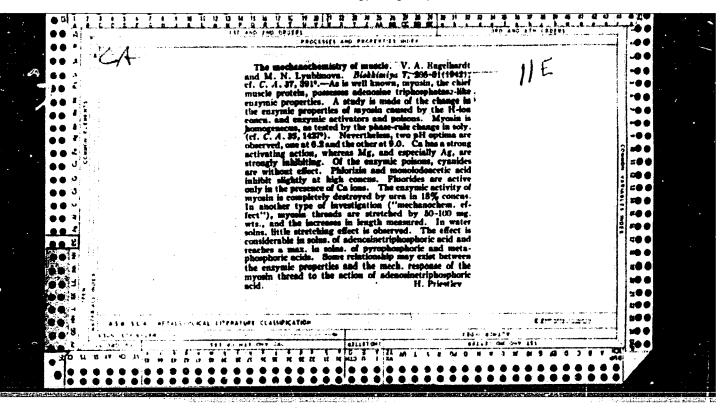


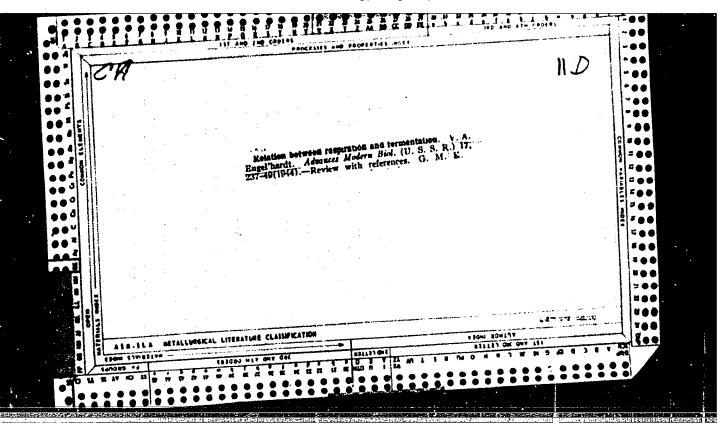
ENGRIHARDT, V. A.

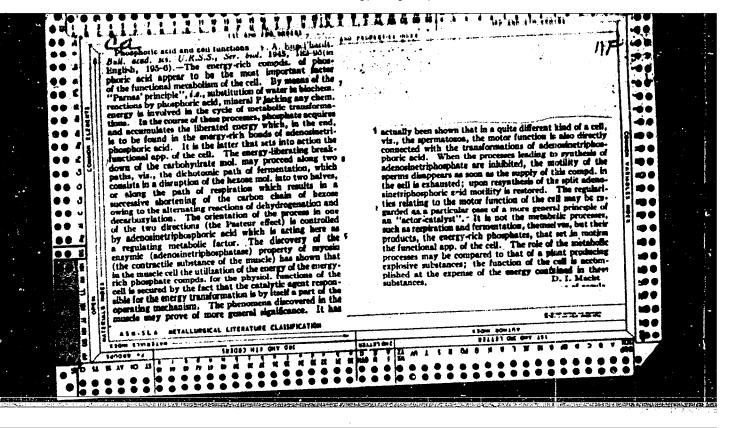
"Enzymic and mechanical properties of the muscle proteins." (p. 177) by <u>V. A. Engelhardt</u>.

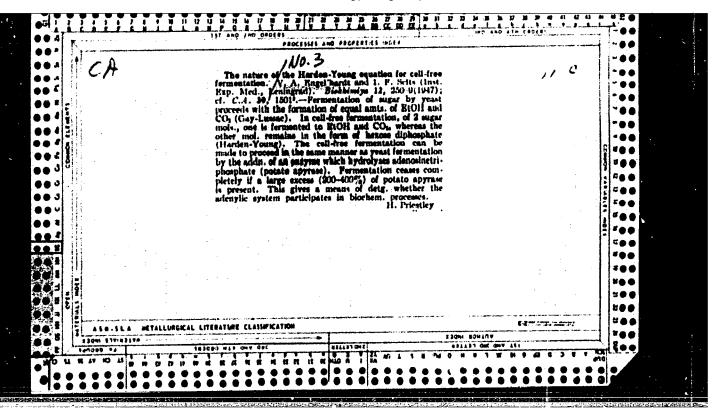
SO: <u>Advances in Modern Biology</u> (Uspekhi Sovremennoi Biologie) Vol. XIV, No. 2, 1941

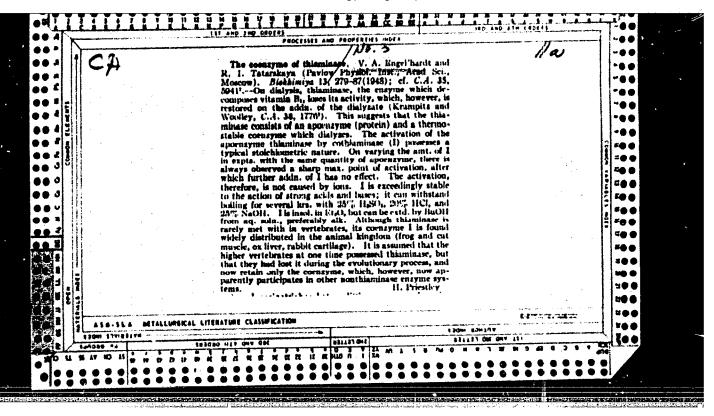


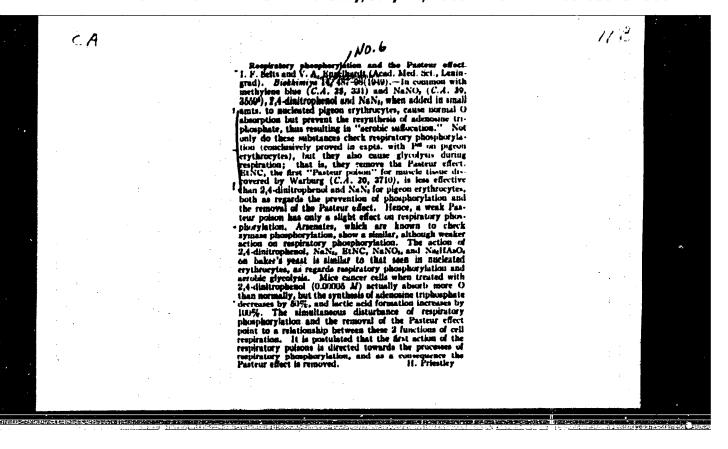


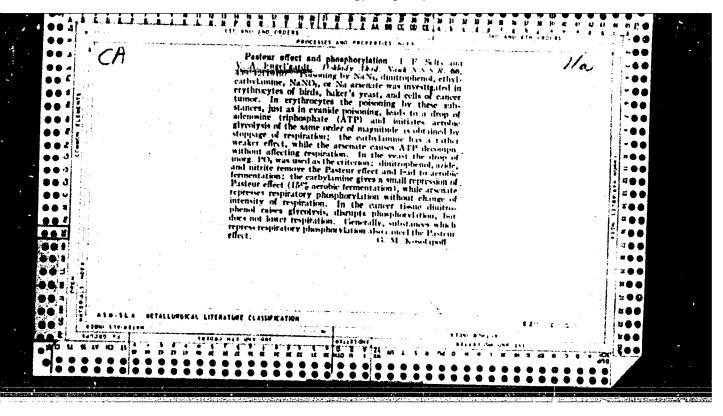












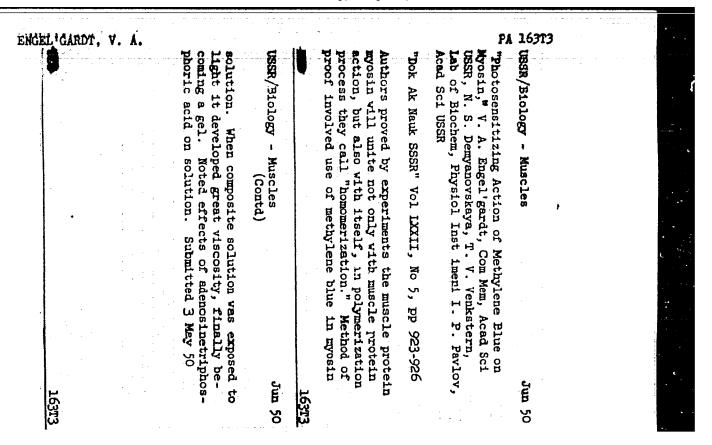
ENGELGARDT V. A.

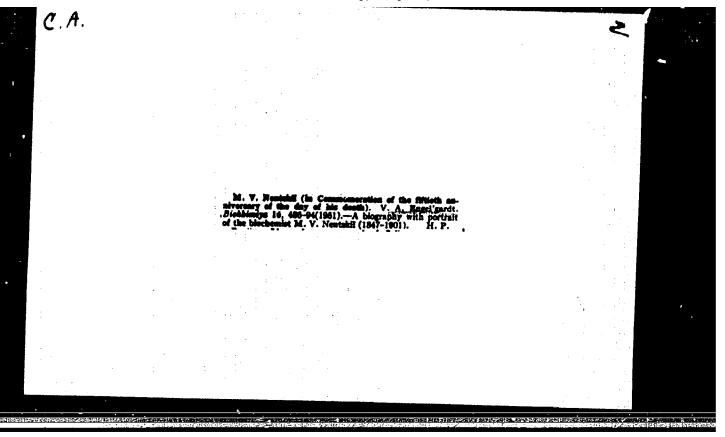
6844. ENGRIGARDT V. A. Enzyme systems participating in the formation of milk Uspjechi Savremennoi Biologiyi, Mescow 1950, 29/I (60-73)

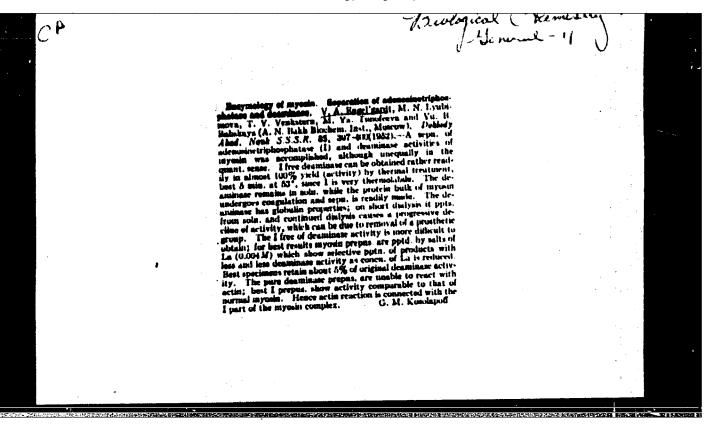
Enzymatic participation in the synthesis of lactose is as follows: (1) Fermation of galactese-I-phosphate from galactese and ATP by the enzyme galactekinase. (2) Fermation of galactegen by phosphorylysis. (3) Breakdown of the galactegen and combination with glucese to form lactose.

Eggers Lura - Helback

SO: Excerpta Medica, Section IJ, Vol III, No 12







Engel gardt, Corr Hem Acad Sci tein Substances in the Process of Nerve Regulation Koshtoyants "The role of the active groups of Pro-Also 3 papers of scientists who did not attend; by By Oparin "The Change of Action Acad'A. V. Palladin "Research on the Biochemistry and by Dr Blol Sci N. M. Sisakyan "The Enzymatith" their chemical compositions, properties and blo-logical role", by Engel'gardt "The Enzymology of Myosin", by Belozerskiy "The Antigen fractions of the delegation), Corr Mem Acad Sci V. A. Engel'gardt, Prof A. M. Belozerskiy, V. N. Bukin, V. H. Butrov, V. N. Orekhovich. Following Russian of Enzymes in Plant Cells under the influence of Jan 53 Second Biochemical Congress was held in Paris in 1952. The following Boviet scientists were in the Sowiet delegation: Acad A. I. Oparin (Leader of external effects," by Orekhovich "Procollagens, Engel gardt, Corr Mem Aced Sci and V. N. Bukin, "Proteid Compounds of fat-soluble vitamins." of the Gerebrum", by Corr Mem Acad Sci Kh. S. bacteria of the intestinal Group", by Bukin Vest Ak Mauk, SSSR, No 1, 1953, pp 74-77. "Second Blochemical Congress in Paris" USSR/Chemistry - International Congress Function of Plastids." papers were read: Professor.

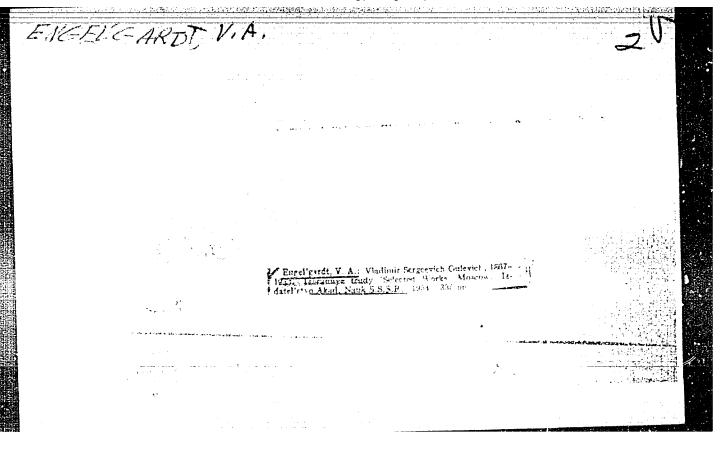
ENGEL GARDT, V. A.

Chemical Abst. Vol. 48 No. 3 Feb. 10, 1954 Biological Chemistry Phosphopreteins and cerebral metabolism. (V. A. Engel'gartit and V. P. Lisovskaya (K. N. Bakh Inst. Engel'gartit and V. P. Lisovskaya (K. N. Bakh Inst. Engel'gartit and V. P. Lisovskaya (K. N. Bakh Inst. Engel'gartit and V. P. Lisovskaya (K. N. Bakh Inst. Engel'gartit and V. P. Lisovskaya (K. N. Bakh Inst. 216-22) (1953).—The specific activity of Pra in cerebral tissue was fractionated into inorg. (I) and protein P(II). Incubation of washed slices at 37° with Pra increased the specific activity of I and protein P(II). Incubation is the specific activity of II more than 10 fold. Incubation of the specific activity of II without affecting appreciably that of I. The metabolic importance of II is discussed in the light of these findings.

- ENGEL GARDY, V. A., BUKIN, V. N., Prof.
- 2. USSR (600)
- Biochemistry Congresses
- Second biochemical congress in Paris. Vest. AN SSSR 23, no. 1, 1953.

1953. Unclassified. ALL 1400 of Russian Accessions, Library of Congress, May

Contractile properties of film threads of gure myosin, K. A. Kafani and V. A. Traci yardt. Dokindy Akad. Nauk S. S. S. P. 92. 385-8-1933). Further myosin from rabbit muscle was formed into threads according to the method of Haysahi, et al. (C.A. 47, 292., 83712). Introduction of O.05M KCl contg. 0.003M artenometriphosphate (ATP) was used as a method of inducerant of contraction which was measured by a tensioneter. ATP does not contract threads of globular and fibrillar actin; those of pure myosin contract vigorously (curves shown). Agtomyosin threads contract bost at pH 7; those of myosin at pH 9 and less at pH 7. This underscores the connection between mechanochem. contraction of muscle and its adenosinetriphosphatase activity. Myosin threads contract by 8-10% with 17-20% increase of cross section. Thus syncresis is not connected with the contraction. Original length can be maintained by a small force (1-3 mg.), on the original fiber; as ATP-induced contraction proceeds the force required to maintain length rises to some 9 mg. at pH 9, and to about 5 mg. at pH 7 or 10. Actomyosin threads in the presence of a little protein matter develop forces up to 25 mg. A poerly formed thread of myosin kept under wealor fension shows little tendency to contract against a load; but once the load is relieved and the thread allowed to assume its desired length, the contraction and the contractile force rise rapidir. A well-formed myosin thread, however, begins to show contractile force hungediately after contact with ATP. Myosin thread contraction is reversible and numerous contraction-classition cycles can be run through. Thus myosin alone is capable of contraction with ATP. It is suggested that in a muscle the F-actin serves as a support for the myosin units which are the functional units. ENGELIGARUT. V. A. Chemical Abst. Vol. 48 Apr. 10, 1954 Biological Chemistry



ENGEL GARDT, V.A. USSR/Scientific Organization - Conventions Pub. 124 - 11/26 Gard 1/1 Engeligardt, V. A. Authors Friendly meetings of Soviet and Indian scientists Title 1 Vest. AN SSSR 10, 57-63, Oct 1954 Periodical Notes and observations by a member of the Soviet scientific delegation to the 41st All-Indian Scientific Congress of 1954 are presented. The Abstract names of the Soviet delegates attending the scientific congress in the city of Heyderabad, India, are listed. Institution Submitted

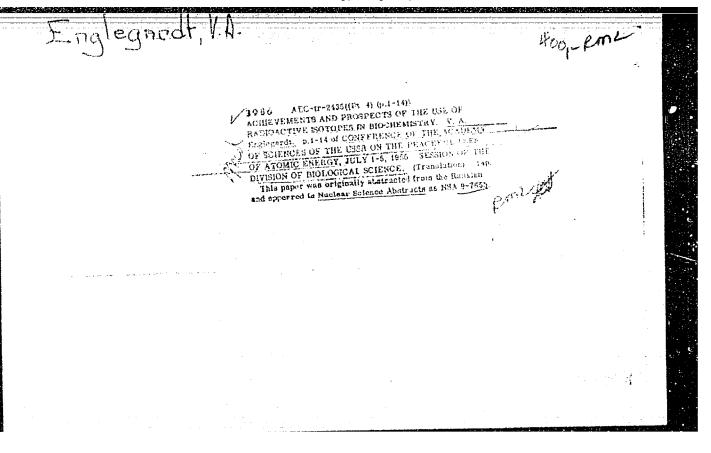
ENGEL'GARDT, V.A.

VENKSTERN, T.V.; ENGEL GARDT, V.A.

[Surface localized adenosine polyphosphatase (ectoapyrase) of mucleated erythrocytes; papers and reports of the Third International Congress of Biochemistry, Brussels, 1-6 August, 1955] Poverkhnostno lokalizovannaia adenosinpolifosfatasa (ekto-apirasa) iadernykh eritrotsitov; doklady i soobshcheniia na III Mezhdunarodnom biokhimicheskom kongresse, Briussel', 1-6 avgusta 1955 g. Moskva, Izd-vo Akad. nauk SSSR, 1955. 18 p. [Parallel texts in Russian and French].

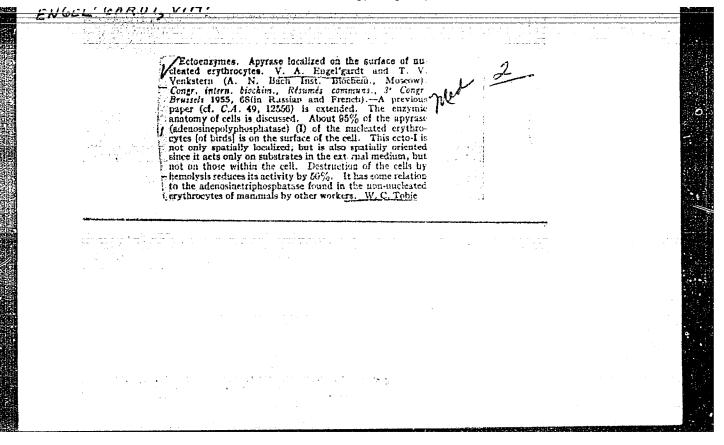
(ADEMOSINEPHOSPHATASE)

(MIRA 11:6)



"APPROVED FOR RELEASE: Thursday, July 27, 2000

CIA-RDP86-00513R00041212



ENGEL'GRADT, V.

"USSR Work in Biochemistry Involving use of the Isotope Method", Meditsinskiy Rabotnik, Vol. 18, No. 60, pp 2-3, 1955.

Comment: This report gives pertinent excerts from an article by Academician V. Engel' gardt entitled "Isotopes in Biochemistry," published in Meditsinskiy Rabolik, Vol. 18, No. 60, 22 July 1955.

Summary of Article-W-31462, 26 Sept 1955.

ENGEL'GARDT, V. A.

"The role played by oxidation substrates and by adenosine-triphosphate in phosphorprotein metabolism," V. A. Engel'gardt and N. P. Lisovskeys (A. N. Bakh Inst. Biochem., Acad. Sci. USSR, Moscow). Biokhimiya 20, 225-35 (1955).

The phosphoprotein metabolism of the brain is highly responsive to the presence of oxidation substrates such as glucose and mannose, but not to galactose, fructose, glutamic acid, and some components of the tricarboxylic acid cycle. A definite parallellism exists between the rates of phosphoprotein metabolism and adenosinetriphosphate (ATP) metabolism in the brain cells. Any reaction which causes the decompn. of ATP at the same time arrests phosphoprotein metabolism. The presence of ATP is a necessary but is not the singular condition for the proper phosphoprotein metabolism, since in some expts. in which the resynthesis of ATP (oxidation of fructose and of pyruvic acid) was high showed only slight evidence of phosphoprotein metabolism.

B.S. Levine

